

HEREFORDSHIRE COUNTY COUNCIL

ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER
OF HEALTH

FOR THE YEAR 1943

HEREFORD :
THE HEREFORD TIMES LTD.
1945.

*To the Chairman and Members of the Public Health and Social
Welfare Committee of the Herefordshire County Council.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in submitting to you my Annual Report for 1943 on the County Health administration in Herefordshire.

In wartime the statistical tables can only be compiled with considerable difficulty as the abnormal movements of population introduce many complications.

The Birth rate for the County was higher than that for England and Wales, even after allowing for transferable births, *e.g.*, temporary evacuees.

The number of Maternity cases admitted to the Herefordshire General and County Council Hospitals has considerably increased, the number admitted to the County Council Hospital having increased by nearly 25 per cent. over the previous year.

Unfortunately the Respiratory Tuberculosis death rate increased and was as high as the rate for England and Wales.

The Dental scheme for Expectant and Nursing Mothers was in operation for the last eight months of the year and there is evidence that the patients will avail themselves of this service.

I am grateful to the Chairman and Members of the various Committees which are responsible for the County Health Services for their encouraging interest and support.

The professional, technical and clerical staff have given good service to the Department.

S. W. SAVAGE, M.D., D.P.H.

December, 1944.

COUNTY STAFF

County Medical Officer of Health :

SIDNEY W. SAVAGE, M.A., M.D., D.P.H.

Deputy County Medical Officer :

I. F. MACKENZIE, M.D., D.P.H., D.T.M. & H.

Clinical Tuberculosis Officer and Medical Superintendent, Nieuport Sanatorium :

T. V. R. PHILIP, M.B., D.P.H.

Medical Superintendent, County Council Hospital, Hereford :

W. OGILVY REID, M.A., B.Sc., M.B., F.R.C.S.

Assistant County Medical Officers of Health and Assistant School Medical Officers :

HUGH F. GREEN, M.B., B.Ch., D.P.H. (serving with Forces).

WILLIAM HOGG, M.B., B.S., D.P.H.

VIOLET L. HICKSON, M.R.C.S., L.R.C.P., D.P.H.

MARIE E. POTTER, M.B., Ch.B. (part-time temporary appointment).

Supervisor of Midwives and Superintendent of Nurses :

MISS B. SHENTON, M.B.E., S.R.N., S.C.M.

Deputy Supervisor of Midwives and Superintendent of Nurses :

MISS W. BARLOW, S.R.N., S.C.M.

Health Visitors and Midwives :

The staff of 50 nurses carry out midwifery and Health Visitors' duties in addition to District Nursing. Three nurses are acting as Health Visitors only.

Teachers of the Blind :

MRS. E. M. ANGIER.

MRS. E. PRITCHARD.

Laboratory Technicians :

S. W. HICKS.

MISS S. J. RANGLES.

(See note on Laboratory in Report.)

CLERICAL STAFF.

Clerical Staff normally consists of one Chief Clerk, one Senior Clerk and eight others, together with two clerks in the Area Medical Offices at Ross-on-Wye and Hereford. Of these, twelve joined H.M. Forces and temporary appointments have been made for the duration of the war.

DISTRICT MEDICAL OFFICERS OF HEALTH.

Bromyard U.D.C.	}	DR. HUGH F. GREEN (serving with H.M. Forces). DR. I. F. MACKENZIE (Acting M.O.H.)
" R.D.C.		
Kington U.D.C.		
" R.D.C.		
Leominster Borough		
Leominster and Wigmore R.D.C.		
Weobley R.D.C.		
Dore & Bredwardine R.D.C.	}	DR. WILLIAM HOGG.
Ledbury U.D.C.		
Ledbury R.D.C.		
Ross-on-Wye U.D.C.		
Ross & Whitchurch R.D.C.		
Hereford City 		DR. E. DUNBAR TOWNROE.
Hereford R.D.C.	}	DR. R. WOOD POWER (serving with H.M. Forces).
		DR. S. L. CORRY (temporary part-time).

GENERAL STATISTICS.

AREA 538,924 ACRES.

DISTRICT	1940			1941			1942			1943		
	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.
URBAN.												
Bromyard	29	33	1287	28	29	1215	21	20	1792	34	27	1730
Bureford City (M.B.) ..	427	424	28570	526	428	31590	585	396	29980	606	396	28890
Keaton	35	30	1969	34	26	2074	32	24	2053	24	27	2029
Leckbury	48	66	3011	47	55	2719	61	49	3790	61	49	3622
Leominster (M.B.)	94	93	5871	112	99	6188	109	87	6160	105	90	5899
R	83	92	5262	76	99	5494	85	74	5245	101	60	5010
Total Urban Districts ..	716	738	45970	823	736	49580	893	630	49020	931	649	47200
RURAL.												
Bromyard	107	98	9272	127	98	8747	133	105	7830	143	81	7591
Bure and Bredwardine ..	129	105	7172	124	110	7864	151	90	7851	142	119	7453
Bureford	230	207	16070	234	199	17760	252	213	16860	275	181	16000
Keaton	84	77	4888	70	72	5199	76	51	5412	82	53	5000
Leckbury	118	132	12840	141	131	11570	171	99	9490	153	108	9000
Leominster and Wigmore ..	158	164	10610	156	158	11680	177	145	11130	184	147	10000
Rural Whitechurch	182	190	12600	183	153	13520	193	148	12830	196	152	12100
Rural	102	79	6288	95	75	6930	110	54	6747	102	83	6000
Total Rural District ..	1110	1044	79740	1130	996	83720	1263	905	78180	1274	924	75400
Total	1826	1782	125710	1953	1732	132850	2156	1535	127200	2205	1573	122600

AND WALES.

rth	1940		1941		1942		1943	
	Births	Deaths	Births	Deaths	Births	Deaths	Births	Deaths
Births	697,029	587,228	654,039	583,213	683,213	501,464		
Deaths	581,537	535,180	480,137					
Population	11,460,000 approx. R.C. estimates.							

including non-civilian deaths registered in this Country and those due to enemy action.

MATERNITY AND CHILD WELFARE.

The County Council is responsible for the administration of the Midwives' Act, and the area administered covers the whole County.

The County Council is responsible for administering the Maternity and Child Welfare Sections of the Public Health Act and the administration covers the County with the exception of the City.

In the following pages the term "County" means the whole of the County, and the term "County M. & C.W. Area" means the County less the City.

The following is a summary of statistics relating to Maternity and Child Welfare Services :—

	1941		1942		1943	
	County M.C.W. Area	County	County M.C.W. Area	County	County M.C.W. Area	County
Population	191,260	132,850	97,220	127,200	93,710	122,600
Live Births :						
Legitimate (M)	682	919	760	1029	761	1049
(F)	654	897	677	938	705	981
(T)	1336	1816	1437	1967	1466	2030
Illegitimate (M)	44	70	63	85	68	93
(F)	47	67	71	104	65	82
(T)	91	137	134	189	133	175
Total Live Births	1427	1953	1571	2156	1599	2205
Still Births :						
Legitimate (M)	34	50	24	34	18	26
(F)	22	30	30	40	24	38
(T)	56	80	54	74	42	64
Illegitimate (M)	5	5	3	5	4	8
(F)	2	3	3	7	4	4
(T)	7	8	6	12	8	12
Total Still Births	63	88	60	86	50	76
No. of Infant Deaths	94	133	68	95	85	116
No. of Maternal Deaths	2	4	6	9	4	7
Due to Sepsis	0	0	0	2	3	3
Due to other causes	2	4	6	7	1	4

	1940			1941			1942			1943		
	County M.C.W. Area	County	Eng. & Wales	County M.C.W. Area	County	Eng. & Wales	County M.C.W. Area	County	Eng. & Wales	County M.C.W. Area	County	Eng. & Wales
Live Birth Rate	14.4	14.5	14.6	14.1	14.8	14.2	16.2	16.9	15.8	17.0	17.98	16.5
Still Birth Rate	33.2	35.6	36	42.3	43.2	34	36.8	38.4	33	30.3	33.3	30
Illegitimacy Birth Rate	63.6	66.1	43	65.8	71.0	53	85.8	89.6	55	85.5	82.0	63
Infantile Mortality Rate	55.0	58.5	56	65.9	68.1	59	43.3	44.1	49	53.1	52.6	49
Maternal Mortality Rate	2.76	2.11	2.6	1.34	1.96	2.7	3.67	4.01	2.5	2.43	3.05	2.3
Crude Death Rate	14.0	14.4	14.0	12.8	13	12.9	11.9	12.2	11.6	12.5	12.8	12.1

MIDWIVES.

At the end of 1943 the number of Midwives who had notified their intention to practice in the County was 117 and these were distributed as follows:—

1. DOMICILIARY—	(a) District Nurse Midwives	...	41
	(b) Village Nurse Midwives	...	25
	(c) Independent	... ..	14
	(d) Midwives living in adjacent Counties and taking occasional cases in Herefordshire	... ..	7
	(e) Practised in an Emergency	...	1
			<hr/> 88
2. INSTITUTIONS—	(f) Hospitals	... ..	14
	(g) P.A.Is.	... ..	11
	(h) Nursing Homes	... ..	3
	(i) Ante-Natal Hostel	... ..	1
			<hr/> 29
	Grand Total	...	<hr/> 117

SUPERVISION OF MIDWIVES :

Routine Visits	... ..	119
Special Visits	... ..	35
"Medical Aid" requests by Midwives	... ..	640

NOTIFICATION FROM MIDWIVES :

Stillbirths	... ..	26
Last Offices	... ..	13
Suspected liability to be a source of infection	...	57
Artificial feeding of infants	... ..	47
Deaths of infants	... ..	10
Deaths of Mothers	... ..	0
Temporary suspension of Midwives due to liability of being a source of infection	... ..	57

Notification of Births in County Maternity and Child Welfare Area.

AT HOME	LIVE BIRTHS		STILL BIRTHS		COMMENTS Calculated from N.O.B.'s 1045
	Single 1012	Twin pairs 15 pairs 1 baby Total. 1043	Single 17	Twin pairs 1 baby Total 18	
Public Assistance Institutions :					
Leominster	25	—	1	1	26
Ledbury	—	—	—	—	—
Ross-on-Wye	36	2	2	2	40
Bromyard	15	—	—	—	15
Kington	8	—	—	—	8
	84	2	3	3	89
Maternity Nursing Homes					
.. ..	44	1	1	1	46
Hospital	1	—	—	—	1
Grand Total	134	18 pairs and 1 baby 1178	21	1 baby 22	1181

HOME HELPS.

On the 1st July, 1943, Home Helps were paid at the rate of £2 10s. 0d. per week, and a claim was made from the patient in accordance with her ability to pay.

During 1943, 11 whole-time Home Helps were approved and gave service for 14 days. All these Home Helps gave service after the 1st of July. There were no part-time Home Helps.

GENERAL PRACTITIONERS' ANTE-NATAL AND POST-NATAL SCHEME.

	County M. & C.W. Area.	
	Ante-Natal.	Post-natal.
Number of patients examined ...	512	286
Number of examinations ...	813	286

HOSPITALISATION OF MATERNITY CASES.

It is the policy of the County Council that Maternity cases for which they are responsible should as far as possible be attended by domiciliary midwives in their homes, but provision is made for the hospitalisation of cases considered to be complicated or cases whose homes are unsuitable for domiciliary midwifery. The number of cases admitted to the County Council Hospital and Herefordshire General Hospital are shown in the following tables. The number of cases admitted privately to the Herefordshire General Hospital are also shown.

HOSPITALISATION OF MATERNITY CASES.

	COUNTY COUNCIL HOSPITAL				HEREFORDSHIRE GENERAL HOSPITAL			
	Normal		Com- plicated	Total	Com- plicated		Normal or Com- plicated	Total
	County	City	County		County	City	Private	
Cases where child was born in hospital*	136	189	93	418	40	17	160	217
Cases where child was not born in hospital†	6	8	7	21	1			1

* Multiple births only counted as one in this table: there were 10 pairs of twins 6 from the County and 4 from the City.

† Cases admitted in pregnancy and subsequently having their baby in hospital are only shewn in the top column of this table.

Neither columns include cases admitted to the Herefordshire General Hospital for puerperal sepsis.

The term "normal" and "complicated" means the heading under which arrangements were made for admission. A certain number of cases booked as normal subsequently became complicated.

Ambulances when needed are arranged for the complicated cases.

COUNTY OBSTETRIC CONSULTANT.

Dr. William Ainslie and Mr. B. G. Scholefield (who acts as Deputy) are the County Obstetric Consultants. They have carried out the following consultations and operations during the last year.

	HOSPITAL CONSULTATION AND OPERATIONS.			
	<i>Hereford General.</i>		<i>County Council Hospital.</i>	
	<i>Cæsarean Section.</i>	<i>Operative Interference.</i>	<i>Cæsarean Section.</i>	<i>Operative Interference.</i>
Consultations under M. & C.W. ...				
95	13	74	15	42

PUERPERAL PYREXIA.

	<i>County M. & C.W. Area.</i>	<i>County.</i>
Notifications	10	51
Removed to Isolation Block at H.G.H.	6	6

PUBLIC ASSISTANCE INSTITUTION MATERNITY.

		<i>Cases.</i>	<i>Beds.</i>
Leominster	... ..	26	2
Ledbury	... ..	0	0
Ross	... ..	40	3
Bromyard	... ..	15	2
Kington	... ..	8	1
Total	... ..	89	8

MATERNITY HOMES.

	<i>No. of Homes on Register, 31.12.43.</i>	<i>Maternity Beds as at 31.12.43.</i>	<i>Births during 1943.</i>
Hereford City	1	2	28
Ross*	—	—	38
Leominster Rural	1	1	8

* Ceased on 22.11.43 to be a Maternity Home (with 3 beds).

DENTAL SCHEME FOR EXPECTANT AND NURSING MOTHERS.

This scheme commenced on April 1st, 1943, and the following table shows the number of patients who completed treatment before the 31st of December, 1943:—

<i>Expectant Mothers.</i>		<i>Nursing Mothers.</i>	<i>Total.</i>
<i>Doctors' Cases.</i>	<i>Midwives' Cases.</i>		
0	11	18	29

CHILD WELFARE.

Babies are visited by the midwives for at least 14 days after they are born. At the end of the 14th day until the end of the first year they are visited at least once a month by the Health Visitor, who is usually the same Nurse as the Midwife.

If any abnormality is suspected by the Midwife, a general medical practitioner may be called in to the baby under the Medical Aid Scheme up to the 28th day after the birth.

OPHTHALMIA NEONATORUM

	<i>County M. & C.W. Area.</i>	<i>County.</i>
Notifications	11	15
Cases admitted to Victoria Eye Hospital	11	15
No. of cases in which permanent damage to eyes occurred ...	—	—

INFANTILE MORTALITY RATE

The following table is of interest; it shows the infantile mortality rate in the County M. & C.W. Area, the whole County and England and Wales during the last six years. This table is calculated on Registrar General's figures.

Year	COUNTY			COUNTY M. & C.W. AREA			<i>England & Wales Rate per 1000 Live Births</i>
	<i>Live Births</i>	<i>Deaths under 1</i>	<i>Rate per 1000 Live Births</i>	<i>Live Births</i>	<i>Deaths under 1</i>	<i>Rate per 1,000 Live Births</i>	
1938 ..	1633	70	43	1221	52	43	53
1939 ..	1676	71	42	1291	54	41	50
1940 ..	1826	107	58	1399	77	55	56
1941 ..	1953	133	69	1427	94	65	59
1942 ..	2156	95	44	1571	68	43	49
1943 ..	2205	116	53	1599	85	53	49

CHILD LIFE PROTECTION AND P.A. BOARDED OUT.

The County Health Department is responsible for carrying out certain duties under the Child Life Protection Section of the Public Health Act, 1936, in the County M. & C.W. Area. The Social Welfare Department board out children in the whole County and their homes are visited and supervised by the County Health Department.

The following table shows the number of foster mothers and children in the two schemes:—

	No. of Foster Mothers Ap- proved during 1943	No. of Foster Mothers on register at end of 1943	No. of children placed on register in 1942	No. of children on register at end of 1942	Notifica- tions of deaths of children	First Visits	Subse- quent Visits
Child Life Protection ..	12	22	27	29	Nil	30	153
P.A. Boarded Out ..	2	15	2	17	Nil	2	60

CHILD WELFARE CENTRES

There are nine centres in the County M. & C.W. Area, the attendances are as follows:—

	Under 1 year.	1—5 years.
Ross	686	224
Pontrilas	32	24
Kington	505	132
Dilwyn	34	56
Ledbury	213	182
Bromyard	304	354
Weobley	49	66
Colwall	207	120
Leominster	1130	493
	<u>3,160</u>	<u>1,651</u>
Grand Total ...		4,811.

PRE-SCHOOL ORTHOPÆDIC CASES ADMITTED TO OSWESTRY

Diagnosis.	Sex.	Age in years.
Club Foot	M.	4½
Dislocation of L. Hip ...	F.	3
Underlapping Toes ...	F.	4½
Club Foot	M.	1½
Absence of Fibula ...	F.	2

COUNTY COUNCIL HOSPITAL.

This Hospital has a total of 476 beds and is available for general civilian and E.M.S. patients. There are special Departments for Tuberculosis, Maternity and V.D., about which further statistics are given in other parts of this report.

Mr. Ogilvy Reid, F.R.C.S., the Medical Superintendent, is also Specialist in charge of the Ear, Nose and Throat Department of the hospital, which is a Special Centre under the E.M.S. Scheme.

During 1943 the Hospital has continued to give good service to the public and the number of patients admitted from the County is continually increasing.

The following statistics are submitted :—

	Total	Ministry	Non-Ministry	Maternity
Patients admitted ...	2980	1660	909	411*
„ discharged.	2792	1659	711	422
Births	411	—	—	411
Deaths	176	3	173	—
Operations performed ...	769	467	302	—
Major 415.				
Minor 354.				
Total number of patient days	87,060			

* This figure differs from the 439 shewn under M. & C.W. returns, because it is a record of "cases admitted" during 1942, and is not a record of maternity cases which went into labour or were present in the hospital during 1943.

Number of Patients in Hospital on December 31st, 1943 :—

<i>E.M.S.</i>				<i>Civilian.</i>	
Military	89			City Maternity Cases ...	5
Other Classes	18			County Maternity Cases ...	6
Vacant Beds	229			Public Assistance Cases ...	6
				Medical and Surgical	
				Public Health Cases ...	97
				Vacant Beds	26

The present Medical Staffing is as follows :—

Medical Superintendent.
One Senior Assistant Medical Officer.
Two Assistant Medical Officers.

Visiting Medical and Surgical personnel are available on a sessional basis.

The County Obstetric Consultant, the Clinical Tuberculosis Medical Officer, the Consulting Radiologist, and the V.D. Medical Officer also visit the Hospital.

TRAINING SCHOOL FOR NURSES.

The Hospital is a preliminary and a full general training school for nurses.

TUBERCULOSIS

The following Tables show the incidence of the Disease in the County over the last five years:—

PRIMARY NOTIFICATIONS

	1939				1940				1941				1942				1943			
	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ..	40	38	2	80	43	39	8	90	53	38	3	94	47	39	8	94	62	58	19	139
Non-Pulmonary	10	11	14	35	9	5	32	46	14	15	26	55	5	20	17	42	7	12	25	44
Totals ..	115				136				149				136				183			

NO. OF DEFINITE CASES ON CLINIC REGISTER

	1939				1940				1941				1942				1943			
	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ..	103	82	5	190	109	95	8	212	110	105	5	220	122	118	7	247	147	142	20	309
Non-Pulmonary	24	53	50	127	25	52	61	138	36	52	61	149	35	64	62	161	40	69	69	178
Totals ..	317				350				369				408				487			

DEATHS

	1939				1940				1941				1942				1943			
	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ..	33	19	—	52	29	24	4	57	29	19	3	51	17	21	2	40	38	26	2	66
Non-Pulmonary	2	1	1	4	5	3	6	14	4	3	7	14	4	1	6	11	2	3	10	15
Totals ..	56				71				65				51				81			

TUBERCULOSIS MORTALITY

DEATH RATE PER 1,000 POPULATION

	Respiratory		Non-Respiratory		Total	
	County	Eng. and Wales	County	Eng. and Wales	County	Eng. and Wales
1940 ..	·453	·571	·111	·108	·56	·679
1941 ..	·383	·570	·105	·121	·48	·692
1942 ..	·314	·506	·086	·110	·4	·616
1943 ..	·538	·515	·122	·104	·66	·619

TUBERCULOSIS CLINICS

Clinic	Days and Hours when open	New Cases.	Total Attendances.
Hereford County Council Hospital	Three times a week—Wed. and Sat., 10–12.30 p.m.; Mon., 2.30–4.30 (City cases only) ..	387	1202
Leominster (Cottage Hospital) ..	First Friday in the month 2 p.m.	94	251
Ross* (2, Church Street) ..	Fourth Thursday in the month, 11 a.m.	81	266
Ledbury (Homend Lodge Cottage)	Second Tuesday in the month 2 p.m.	58	179
	Total	620	1898

* This Clinic closed on September 28th, 1944.

TUBERCULOSIS BEDS AT NIEUPORT SANATORIUM AND COUNTY COUNCIL HOSPITAL

The number of beds is as follows:—

Nieuport Sanatorium—Adults, 42. Children 28.

County Council Hospital—Adults 12. —

The Children's beds at Nieuport Sanatorium should not all be counted as Tuberculosis beds, as about 75 per cent. of the children are not notified as definite cases, being either suspects or debilitated children in need of supervision and fresh air.

Beds for tuberculous children are also made available at the County Council Hospital.

In March, 1943, ten single sleeping shelters were erected and equipped at the Sanatorium to ease the adult bed situation. This has served to reduce the waiting list.

The following tables shew the admissions and discharges of adult cases at Nieuport Sanatorium, and the Nightingale Ward of the County Council Hospital:—

	<i>Non-Pul. Tubercle</i>		<i>Adults Observation</i>		<i>T.B., -</i>		<i>T.B.+1</i>		<i>T.B., +2</i>		<i>T.B., +3</i>		<i>Total</i>	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ADMITTED TO Newport	—	—	1	—	14	9	2	—	15	11	17	11	49	'31 80
T.B. Beds at County Council Hospital ..	2	10	1	3	2	2	1	3	2	14	9	5	17	37 54
DISCHARGED FROM Newport	—	—	1	—	12	9	1	2	14	11	15	4	43	26 69
T.B. Beds at County Council Hospital ..	2	6	2	4	1	1	1	2	2	9	3	2	11	24 35

During the year 13 cases were re-admitted to Nieuport, and 11 cases were re-admitted to the County Council Hospital.

Five cases died at Nieuport Sanatorium and fourteen cases died at the County Council Hospital.

During the year one patient discharged himself from Nieuport against medical advice.

AGES OF PATIENTS ADMITTED

Ages	Nieuport Sanatorium		County Council Hospital	
	Males	Females	Males	Females
Under 16	1	—	1	—
16—20	7	4	1	4
21—30	13	12	3	12
31—40	16	10	3	11
41—50	9	4	5	4
51—60	2	1	4	4
Over 60	1	—	—	2
	<u>49</u>	<u>31</u>	<u>17</u>	<u>37</u>

Average length of stay of adult patients in Nieuport Sanatorium: Male 161 days.
Female 175 days.

The number of patients in the Sanatorium on December 31st, 1943, was 69, compared with 59, December 31st, 1942.

GENERAL TREATMENT

This continues on orthodox lines. A certain amount of light work is done in the gardens and in the house by patients who are fit.

Recreational facilities, including the cinema, have been much appreciated; a Sanatorium Magazine is produced, and our thanks are due to all who have given time and substance to these activities. Religious Services have been held as usual.

SURGICAL TREATMENT OF PULMONARY TUBERCULOSIS

In addition to treatment on general sanatorium lines which fully retains its importance in all cases, the following special procedures have been carried out:—

	Male	Female	Total
Pneumothorax	11	15	26
Thoracotomy with division of adhesions.	3	2	5
Thoracotomy with adhesions found			
indivisible	—	3	3
Thoracoplasty	—	1	1
Phrenic Paralysis	2	5	7

Except for pneumothoraces, the operations were performed by the visiting Thoracic Surgeon, E. Wynne Edwards, Esq., F.R.C.S., at the County Council Hospital.

Statistical table of adult patients discharged from Nienport Sanatorium in 1937, showing their condition in 1943, as far as it can be ascertained.

No.	Condition on Discharge	Dead		Alive		Cannot trace	
		No.	%	No.	%	No.	%
4	T.B. -	—	—	3	75	1	25
10	T.B. + 1	1	10	5	50	4	40
16	T.B. + 2	9	56½	5	31½	2	12½
19	T.B. + 3	17	88	1	6	1	6
49	TOTAL	27	56	14	27½	8	16½
3	Obs. not definite T.B.	—	—	—	—	3	100
1	T.B. but not Pul.	—	—	—	—	1	100

The term "T.B. -" in this table and in the table on page 18 means a case of pulmonary tuberculosis in whose sputum tubercle bacilli have not been detected.

CHILDREN AT NIEUPORT SANATORIUM

Number of Beds - 28.

		<i>Obs.</i>	<i>Early Pul. Tub.</i>	<i>Non- Pul. Tub.</i>	<i>Total</i>
ADMITTED	Boys	23	5	5	33
	Girls	26	4	2	32
	Total ..	49	9	7	65
DISCHARGED	Boys	28	5	5	38
	Girls	21	3	3	27
	Total ..	49	8	8	65

The number of children notified as Tuberculous were 25 per cent. of the total. A number of others were possibly mildly infected without sufficiently definite evidence to justify notification.

No case considered to be infectious is admitted to the Children's Wing, where proper isolation would be very difficult. Fifty-eight children were tuberculin tested (Patch Test) at the Sanatorium. Fourteen, *i.e.* 24 per cent. gave a positive reaction indicating a previous infection by the tubercle bacillus.

The Ultra Violet and Radiant Heat Lamp has been of considerable service.

Dental treatment is carried out at the Sanatorium, and tonsils and adenoids are treated when required by temporary transfer to hospital.

The School continues to be of great service.

Despite war conditions, the majority of the patients have benefited from their stay in Sanatorium or Hospital, and have gained weight satisfactorily.

Unhappily, many cases deteriorate sooner or later after discharge, either because of adverse home or working conditions or from lack of perseverance in continuing to live on sanatorium lines. There is a great need for improvement as regards (1) Early diagnosis, (2) More effective treatment particularly of the intermediate case, (3) After care of all types of cases. Any improvement which has been effected by the first two measures can very easily be brought to nought by failure to cope with the third.

SHELTERS

At the end of 1943, 33 shelters were in use.

EXTRA NOURISHMENT

During 1943, grants for Extra Nourishment were made to 20 patients.

THE ROBERT JONES AND AGNES HUNT ORTHOPÆDIC HOSPITAL, OSWESTRY

Diagnosis of Tuberculosis Cases treated during the year 1943.

	Admitted during 1943			Admitted previous to 1943		
	M.	F.	Total	M.	F.	Total
Under 16 :						
Tuberculosis of the Spine ..	—	1	1	2	—	2
Tuberculosis of knee ..	—	1	1	—	—	—
Over 16 :						
Tuberculosis of the Spine ..	6	4	10	3	2	5
Tuberculosis of knee ..	1	—	1	1	—	1
Tuberculosis of Spine and Bones and Joints ..	—	1	1	—	—	—
Tuberculosis of Spine and knee ..	—	—	—	1	—	1
Tuberculosis of Hip-joint ..	—	—	—	—	1	1
Total ..	7	7	14	7	3	10

DUDLEY ROAD HOSPITAL, BIRMINGHAM

Three Lupus cases were treated as out-patients at Birmingham.

A certain amount of intermediate treatment is given at the County Council Hospital and the Herefordshire General Hospital.

LABORATORY

The Laboratory continued under the direction of the Medical Research Council, with Dr. R. Ewart Jones in charge. It forms a unit of the Emergency Public Health Laboratory Service set up by the Ministry of Health on the outbreak of the war. One advantage of this is that the Director is regularly in touch with

other laboratories in the Service for consultation and for the exchange of information as to the existence of epidemics or cases of infectious disease in other parts of the country.

Close collaboration was maintained between the Laboratory and the Department, and with the District Medical Officers of Health, enabling early action to be taken on the occurrence of infectious disease. Members of the Laboratory Staff assisted the District Medical Officers in "field" investigations into two outbreaks of Scarlet Fever and one of Diphtheria.

The examination of pathological specimens from the County Council Hospital formed a considerable part of the work carried out during the year. The Pathologist was frequently in consultation with the Hospital Medical Staff. Numerous specimens continue to be received from other hospitals in the County.

A number of visits were paid to three Residential Nurseries in the course of a small survey of the hæmoglobin levels of the children. Some valuable information was thereby obtained, as a result of which appropriate treatment was given with good results to cases of iron-deficiency anæmia.

The number of specimens examined during the year was 13,957.

THE ISOLATION HOSPITAL ACCOMMODATION

The District Councils are the authorities for provision of this accommodation which is as follows:—

	<i>Beds</i>
City Council.	
Tupsley Fever Hospital	32
Tupsley Small Pox Hospital	4
Folly House Isolation Hospital (temporary) ...	30
Hereford Rural District Council (taking cases from the whole County with the exception of the City)—	
Stretton Sugwas Fever Hospital	43
Bromyard Small Pox Hospital	6
The County Council also administer Camp Meadow Hospital	12

INFECTIOUS DISEASE.

	Enteric		Scarlet Fever		Whooping Cough		Diphtheria		Erysipelas		Measles		Pneumonia (acute)		Puerperal Pyrexia		Ophthalmia Neonatorum		Cerebral Spinal Meningitis	
	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.*	N.	D.	N.	D.	N.	D.
URBAN DISTRICTS																				
Hereford City ..	-	-	89	-	64	-	35	1	10	-	322	-	23	19	44	-	6	-	1	-
Leominster ..	1	-	5	-	3	-	4	-	4	-	41	-	6	9	3	-	-	-	-	-
Ross-on-Wye ..	-	-	7	-	19	-	1	-	4	-	18	-	6	4	2	-	1	-	-	-
Ledbury ..	-	-	2	-	51	-	2	-	-	-	80	-	-	6	-	-	-	-	-	-
Kington ..	-	-	-	-	1	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-
Bromyard ..	-	-	17	-	4	-	4	-	-	-	3	-	2	-	-	-	-	1	-	-
RURAL DISTRICTS																				
Hereford ..	1	-	42	-	32	1	6	-	-	-	100	1	7	5	2	-	4	-	-	-
Ross and	-	-	15	-	69	-	7	1	1	-	70	-	18	6	-	-	-	-	2	-
Whitchurch...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leominster and	1	-	33	-	56	-	-	-	3	-	100	-	22	9	1	-	-	-	-	-
Wigmore ..	-	-	41	-	75	-	12	1	-	-	251	1	1	4	-	2	-	-	-	-
Ledbury ..	-	-	18	-	2	1	1	-	1	-	26	1	9	1	2	1	-	-	-	-
Bromyard ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dore and	-	-	15	-	16	-	-	-	1	-	45	-	24	8	2	-	-	-	3	1
Bredwardine	1	-	5	-	35	-	1	-	2	-	89	-	2	4	1	-	1	-	-	-
Kington ..	-	-	10	-	18	-	2	-	-	-	60	-	11	5	-	-	3	-	1	-
Woolley ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total—	4	-	299	-	448	2	75	3	26	-	1231	3	131	80	57	2	17	-	8	1
County ..																				

* All forms of Pneumonia.

DISTRICT (and Estimated Population)	No. of Deaths from Cancer (all forms)	SITE OF CANCER			
		Buccal Cavity & œsophagus (Male)	Uterus (Female)	Stomach and Duodenum	Breast
Bromyard Urban. (1730)	2	—	—	1	—
Hereford M.B. (28890) ..	49	2	4	7	7
Kington Urban. (2029)	7	1	—	—	2
Ledbury Urban. (3622)	6	—	—	1	1
Leominster Urban. (5899)	14	1	1	1	1
Ross-on-Wye Urban. (5030)	11	—	—	1	—
Bromyard Rural. (7591)	14	1	1	5	1
Dore and Bredwardine Rural. (7656)	15	—	—	4	3
Hereford Rural. (16240)	24	2	3	1	2
Kington Rural. (5350)	11	—	1	1	1
Ledbury Rural. (9068)	12	1	—	3	1
Leominster and Wigmore Rural. (10650)	16	1	—	4	—
Ross and Whitecharch Rural. (12180)	27	1	4	6	2
Weobley Rural. (6665)	10	—	—	2	1
All Districts. (122600)	218	10	14	37	22
					135

DIPHTHERIA PROPHYLAXIS

RETURN FOR TWELVE MONTHS ENDING 31st DECEMBER, 1943.

RECEIVED FROM THE MEDICAL OFFICERS OF HEALTH OF THE COUNTY DISTRICT COUNCILS.

County Area	District	I. No. of children who completed the full course of immunisation in the Authority's Area between 1st Jan. and 31st Dec., 1943.	11(a) Approx. estimated No. of children in the Authority's Area on 31/12/43.		11(b) Percentage of the child population shown under (a) considered to be immunised at 31/12/43.	111(a) No. of cases of diphtheria in children under 15 years of age notified between 1/1/43 and 31/12/43.	111(b) No. of cases included in (a) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease.	111(c) No. of deaths from diphtheria registered in the Authority's area between 1/1/43 and 31/12/43 of children under 15 years.	No. of deaths included in (c) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease.
			Under 5	From 5 to 15					
NORTH	Bromyard Urban	26	60	160	251	Under 5 5 From 5 to 15 96.41	2	Nil.	Nil.
	Bromyard Rural.	52	51	410	835	53.9	87.9	1	Nil.
	Kington Urban	32	33	169	335	97.63	81.49	Nil.	Nil.
	Kington Rural	49	84	246	564	60.56	98.58	1	Nil.

Leominster Borough	36	19	409	703	75.55	99.43	3	Nil.	Nil.	Nil.
Leominster and Wigmore R.D.	84	80	488	1305	68.03	92.79	Nil.	Nil.	Nil.	Nil.
Woolley Rural	45	36	329	607	56.23	83.03	Nil.	Nil.	Nil.	Nil.
Ross Urban	75	130	739	1902	35.0	57.0	Nil.	Nil.	Nil.	Nil.
Ross and Whit- church Rural	101	78	986	2462	34.0	62.0	2	Nil.	1	Nil.
SOUTH Ledbury Urban	41	16	243	632	62.0	72.0	1	1	Nil.	Nil.
Ledbury Rural	75	84	795	1987	37.0	53.0	3	2	Nil.	Nil.
Dore and Bredwardine Rural	66	40	619	1546	25.0	57.0	Nil.	Nil.	Nil.	Nil.
HEREFORD CITY	350	468	1874	3828	67.0	56.0	30	Nil.	1	Nil.
HEREFORD RURAL	67	51	800	1600	46.6	83.2	3	1	1	Nil.

		1939		
		M.	F.	T.
1. Number of cases on 1st January under treatment or observation.	Syphilis Gonorrhœa Undiagnosed or N.V.D.	13 29 —	13 5 —	26 34 —
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection.	Syphilis Gonorrhœa	1 3	— 5	1 8
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4).	Syphilis Gonorrhœa Undiagnosed or N.V.D.	6 27 8	9 12 13	15 39 21
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres or Service Hospitals or by General Practitioners approved under Ministry of Health Circular 2226.	Syphilis Gonorrhœa	1 3	— —	1 3
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as Non-Venereal.	Syphilis Gonorrhœa N.V.D.	— 10 8	1 6 13	1 16 21
6. Number of cases which ceased to attend before completion of treatment.	Syphilis Gonorrhœa	6 23	4 7	10 30
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure.	Syphilis Gonorrhœa	— 11	— 3	— 14
8. Number of cases transferred to other Centres.	Syphilis Gonorrhœa	1 5	1 1	2 6
9. Number of cases remaining under treatment or observation on 31st December.	Syphilis Gonorrhœa Undiagnosed	14 13 —	16 5 —	30 18 —
10. Number of attendances :— (a) for individual attention of the Medical Officers	Syphilis Gonorrhœa Undiagnosed or N.V.D.	249 275 12	277 100 27	526 375 39
(b) for intermediate treatment, e.g. irrigation, dressing.	Syphilis Gonorrhœa	— 146	— —	— 146
11. Inpatients :— (a) Total number of persons admitted for treatment during the year.	Syphilis Gonorrhœa	— 1	2 —	2 1
(b) Aggregate number of "in-patient days" of treatment given.	Syphilis Gonorrhœa	— 4	24 —	24 4

The figures shown include military cases which nearly
The total attendances (shown under Section 19) is 2,186, and
During the year 5 pregnant girls, suffering from Venereal Diseases, were sent to Cleveland.

VENEREAL DISEASES CLINIC, HEREFORD.

WEDNESDAY, 1.30 P.M. AND 6.0 P.M. SATURDAY, 1.30 P.M.

1940			1941			1942			1943		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
14	16	30	18	11	29	37	18	55	32	24	56
13	5	18	8	10	18	40	13	53	16	16	32
—	—	—	—	1	1	—	2	2	1	2	3
1	1	2	1	1	2	3	—	3	1	—	1
—	—	—	—	1	1	—	1	1	1	2	3
5	8	13	10	8	18	6	15	21	7	14	21
12	17	29	38	25	63	23	46	69	22	20	42
7	12	19	26	20	46	71	35	106	42	66	108
9	5	14	78	3	81	68	2	70	53	1	54
14	3	17	161	—	161	60	1	61	64	3	67
									56	—	56*
1	—	1	1	—	1	1	—	1	—	1	1
11	7	18	32	8	40	25	21	46	45	13	58
7	11	18	26	19	45	70	35	105	82	64	146
8	14	22	4	5	9	11	8	19	8	9	17
11	7	18	5	6	11	21	15	36	9	10	19
—	3	3	—	—	—	—	—	—	—	—	—
3	—	3	9	3	12	3	2	5	3	—	3
2	2	4	65	—	65	70	3	73	56	5	61
6	1	7	121	6	127	58	7	65	32	6	38
									7	—	7*
18	11	29	37	18	55	32	24	56	29	24	53
8	10	18	40	13	53	16	16	32	14	12	26
—	1	1	—	2	2	1	2	3	10	4	14
309	178	487	876	244	1120	791	401	1192	892	518	1410
114	149	263	760	193	953	371	322	693	423	75	498
11	23	34	29	30	59	118	65	183	161	132	293
—	—	—	—	—	—	—	—	—	—	—	—
42	28	70	49	37	86	18	100	118	35	194	229
									—	33	33*
—	—	—	—	—	—	1	—	1	1	—	1
—	—	—	—	—	—	2	4	6	—	2	2
—	—	—	—	—	—	83	—	83	87	—	87
—	—	—	—	—	—	44	43	87	—	92	92

Not V.D.

Days only attended for continuation treatment

figure includes 37 attendance of cases from adjoining Counties.

use, Wolverhampton; these cases are not included in Section 11.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE ADMINISTRATIVE COUNTY OF HEREFORD.

CAUSES OF DEATH.	AGGREGATE OF URBAN DISTRICTS.						AGGREGATE OF RURAL DISTRICTS.						Total Urban (all ages)	Total Rural (all ages)	Total County (all ages)
	0—	1—	5—	15—	45—	65—	0—	1—	5—	15—	45—	65—			
1. Typhoid & Paratyphoid Fevers
2. Cerebrospinal Fever	1	..	..	..	1	1
3. Scarlet Fever
4 Whooping Cough	1	1	..	..	..	..	..	2	2
5. Diphtheria.	1	..	..	..	..	..	2	..	..	..	1	2	3
6. Tub. of Resp. sys.	19	13	2	..	..	1	16	11	3	34	31	65
7. Other Forms of T.B.	1	1	..	2	..	3	3	2	2	2	..	4	12	16
8. Syphilitic diseases	4	..	..	..	..	..	2	2	4	4	8
9. Influenza	1	..	..	2	4	10	1	..	..	2	5	27	17	35	52
10. Measles	1	2	..	..	..	..	3	3
11. Ac. polio-myl. & polio-enceph.
12. Ac. inf. enceph.	1	..	1	..
13. Cancer of buc. cav. & œsoph. (M) uterus (F)	2	..	7	..	..	..	..	7	8	9	15	24
14. Cancer of stomach and duodenum	5	6	..	..	..	1	7	18	11	26	37
15. Cancer of breast	1	3	7	..	..	..	..	7	4	11	11	22
16. Cancer of all other sites	1	22	35	..	..	..	3	24	50	58	77	135
17. Diabetes	2	3	..	..	..	..	5	4	5	9	14

18. Intra-uterine vascular lesions.	..	..	..	..	..	16	55	..	..	..	1	18	79	71	98	169
19. Heart Disease .. ..	..	..	..	..	..	22	121	..	1	..	4	27	200	143	232	375
20. Other dis. of circ. system. ..	..	..	..	..	1	1	10	..	..	..	..	2	24	12	26	38
21. Bronchitis .. ..	..	..	..	..	..	8	18	1	..	..	..	6	33	26	40	66
22. Pneumonia	5	3	1	2	7	7	20	7	6	..	4	7	18	38	42	80
23. Other resp. dis. .. ..	..	..	..	..	..	1	5	..	..	..	2	1	8	6	11	17
24. Ulcer of stomach or duodenum ..	..	..	..	1	2	2	2	..	..	..	2	..	3	5	5	10
25. Diarrhoea under 2 years ..	..	..	..	..	..	..	..	7	1	..	..	..	..	..	8	8
26. Appendicitis .. ..	..	..	..	1	1	1	1	..	..	1	3	2	1	3	7	10
27. Other digve. dis.	1	..	..	1	5	7	7	3	..	..	1	6	11	14	21	35
28. Nephritis .. ..	..	..	..	8	9	20	20	1	..	..	2	13	22	37	38	75
29. Puer. & Post-abort. sepsis. ..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	2
30. Other maternal causes ..	..	..	..	3	..	..	..	..	..	..	2	..	..	3	2	5
31. Prem. Births	16	..	..	..	..	..	..	16	..	..	..	..	..	16	16	32
32. Con. mal. birth inj. infant dis.	17	..	..	..	..	..	..	24	1	..	..	1	..	17	26	43
33. Suicide .. ..	..	..	..	..	6	..	..	..	..	..	4	4	3	6	11	17
34. Road Traffic acci. .. ..	..	2	1	2	2	1	1	..	..	1	3	3	1	8	8	16
35. Other violent causes ..	2	..	2	4	2	11	11	3	1	5	3	7	6	21	25	46
36. All other causes	2	2	3	5	15	42	42	5	2	2	7	15	46	69	77	146
37. All causes	44	8	9	53	152	383	383	72	17	16	65	182	572	649	924	1573

MENTAL DEFICIENCY

1. Certified Cases.

The cases certified and treated in institutions on 31st December, 1943, are as follows:—

	M.	F.
Ross Approved Public Assistance Institution...	21	20
Stoke Park Colony, Bristol	11	14
Rampton State Institution	3	—
Moss Side State Institution	1	1
Hortham Colony, Bristol	2	1
Bodfan Mental Home, Caernarvon	1	—
All Saints' Special School, Hillingdon	—	1
Royal Earlswood Institution	1	—
The Home, Everton Terrace, Liverpool	—	1
Lisieux Hall Institution, Chorley	1	—
Guardianship		
Hengoed, Glamorgan	1	—
Licence		
Redmarley, Agricultural Hostel	3	—
	<u>45</u>	<u>38</u>

During the year 4 males and 1 female have been certified and removed to institutions.

WELFARE OF THE BLIND

	1943	1942	1941
Cases certified during the year ...	28	28	22
Transferred from other Counties ...	2	2	3
Transferred to other Counties	5	3	7
Cases de-certified	3	—	1
Deaths of Blind Persons	31	27	23
No. of Blind Persons on Register ...	282	291	289

TRAINING AND EMPLOYMENT

Total Employed	...	...	...	...	...	32
Home Workers	...	...	...	...	...	6
Undergoing Industrial Training	...	...	...	...	...	2
Trained but Unemployed	...	...	...	...	...	4
No Training but Trainable	...	...	...	...	...	3
Unemployable	...	...	...	...	...	235

CHILDREN OF SCHOOL AGE

In Schools for the Blind	4
--------------------------	-----	-----	-----	-----	---

UNDER SCHOOL AGE

Maintained at Home	3
--------------------	-----	-----	-----	-----	---

OCCUPATION OF EMPLOYED BLIND PERSONS

Agents, Collectors, etc.	...	...	...	...	1
Basket Workers	...	...	...	...	7
Brush Makers	...	...	...	...	-
Carpenters and Woodworkers	...	...	...	...	1
Clerks and Typists	...	...	...	...	2
Shop-keepers	...	...	...	...	1
Firewood Workers	...	...	...	...	1
Newsvendors	...	...	...	...	-
Labourers	...	...	...	...	2
Mat-makers	...	...	...	...	3
Poultry-keepers	...	...	...	...	3
Netting-makers	...	...	...	...	1
Gardeners	...	...	...	...	1
Coal Bag Makers	...	...	...	...	-
Miscellaneous	...	...	...	...	7
Factory Workers	...	...	...	...	2

UNEMPLOYABLE BLIND PERSONS IN HOME FOR BLIND AND INSTITUTION

Homes for the Blind	...	...	...	...	3
Public Assistance Institution	...	...	...	...	31
Mental Hospitals	...	...	...	...	13

There are six St. Dunstan's men in the County. They are under constant supervision by the St. Dunstan authorities. The cases are included in the above tables.

